

Title (en)  
Electrostatic capacitive divided-voltage transformer

Title (de)  
Elektrostatischer kapazitiver Spannungsteiler

Title (fr)  
Diviseur de tension capacitif électrostatique

Publication  
**EP 1022749 B1 20060906 (EN)**

Application  
**EP 00101081 A 20000120**

Priority  
• JP 1376099 A 19990122  
• JP 30211799 A 19991025

Abstract (en)  
[origin: EP1022749A1] An electrostatic capacitive divided-voltage transformer, basically includes: a conductor (2); an inner semiconductive layer (3); a main insulative layer (4); an outer semiconductive layer (5), the conductor being enclosed with the inner semiconductive layer, the main insulative layer, and the outer semiconductive layer in this sequence; a first metallic layer (6), the first metallic layer enclosing the outer semiconductive layer; an auxiliary insulative layer (7) arranged on the first metallic layer; and a second metallic layer (8) arranged on the auxiliary insulative layer, a divided voltage from a whole voltage between the conductor and the second metallic layer being enabled to be led between the first metallic layer and second metallic layer. The electrostatic capacitive divided-voltage transformer is applicable to a voltage detector together with a digital meter or digital relay. <IMAGE>

IPC 8 full level  
**H01B 17/00** (2006.01); **H01F 30/12** (2006.01); **H01B 9/02** (2006.01); **H01F 38/24** (2006.01); **H02B 13/02** (2006.01)

CPC (source: EP)  
**H01B 17/005** (2013.01)

Cited by  
CN102709048A; CN107808711A; EP2990811A1; FR3025029A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1022749 A1 20000726**; **EP 1022749 B1 20060906**; DE 60030496 D1 20061019; DE 60030496 T2 20070201; JP 2000277363 A 20001006

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